**Math Lesson Plan**

**Unit 1 – Date: September 13th**

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| **Unit Essential Question(s)** | How can we generate equivalent expressions?  How are variables used in mathematics? | | |
| **Common Core Standard:** | 6.EE.6 | | |
| **Bloom’s/ DOK** | Understand, (understand-2), (DOK1) Use  (apply-3) Represent (understand-2) Write (understand-2) (DOK1) | | |
| **Learning Target(s)**  “I can…” Statements | * I can explain and give examples of how a variable can represent a single unknown number or can represent any number in a specified set. * I can use variables to write an algebraic expression that represents a real-world situation when a specific number is unknown. * I can use a variable to write an expression that represents a consistent relationship in a particular pattern (function table). | | |
| **Essential Vocabulary** | **See previous lessons for vocabulary** | | |
| **Resources and Materials** | **Teacher** | | **Technology** |
| **On Core 3-4 69-71**  **Glencoe 1-6 pg. 28** | |  |
| **8 Mathematical Practices:** | | | |
| * 1. Make sense of problems and persevere in solving them. * 4. Model with mathematics. | | * 5. Use appropriate tools strategically. | |
| **Bell ringer** | **Warm up** | | |
| **Activating Strategy**  (Opening Activity) | **Day One:**  **S is students**  **P is price of movie ticket**  **Students respond to how many go to the movies, that becomes the value of s.**  **P is the price of a movie ticket.**  **Discuss how they would come up with the price of all of those tickets.** | | |
| **Cognitive Teaching Strategies** | **Day One:**  **Scenarios relating to age; see unit indicators for additional examples for modeling.**  **Pg. 53 HOLT Problem Solving sheet. Omit multiple choice for advanced, keep for regular and inclusion students.** | | |
| **Summarizing Strategy**  (Closing Activity) | **Check independent da’gum practice!** | | |
| **Assessment** | | **Homework** | |
| **Six out of eight problem solving questions are correctly written by students.** | | **Finish and prepare calendar project due 14th.** | |
| **Re-teaching Plan** | **HOLT**  **Life Science box pg. 53**  **Review for Mastery pg. 52** | | |